AMENDMENTS TO THE CLAIMS

Please substitute the following claims for the pending claims with the same numbers respectively:

Claim 1 (Currently amended): A medical examination system for scheduling an appointment for patients comprising:

a plurality of wireless display devices that have a display part and a communication part held by each patient waiting for a medical examination; and

a server including a plurality of displays, said plurality of displays being capable of displaying guidance information including appointments included in a scheduler and displaying information from said respective wireless display devices, and a wireless communication means for communicating with said respective wireless display devices, wherein said scheduler includes:

a waiting queue means for individual medical examination items for forming waiting queues for each of a plurality of medical examination items and sequentially queuing the medical

examination appointments of the patients, and a waiting queue

means for individual patients for forming waiting queues for each

patient and sequentially queuing medical examination items for

which appointments are scheduled,

said scheduler includes means for scheduling a first

appointment for a first medical examination of said medical

examination items so that an available time to start said first

medical examination on said medical examination items is

calculated, [[and]]

said scheduler includes means for scheduling at least a

second appointment for a second medical examination of said

medical examination items so that an available time to start said

second medical examination on said medical examination items is

calculated after the first appointment which has been previously

confirmed with respect to remaining queues of said waiting queue

means for individual medical items; and

said scheduler includes means for maintaining an unconfirmed

state of an entire appointment process in case an interval

between a starting time of the first appointment and a completion

time of an appointment for a last medical examination item

becomes at least equal to a predetermined amount of time and one

of said medical examination items starts with an empty queue time period and means for changing the empty queue time period to a void queue time period that cannot be utilized again, and

means for repeating an appointment process and means for confirming the entire appointment process when an interval between the starting time of the first appointment and the completion time of the appointment for said last medical examination item becomes less than the predetermined amount of time and one of said medical examination items starts with a non-empty queue time period,

wherein said server includes means for forming information concerning medical examination guidance including an individual medical examination order, a starting time and an order of said medical examination items based on said waiting queue means for individual patients and said waiting queue means for medical examination items, on one of said plurality of displays of said server for respective patients, and

wherein said wireless display devices display the waiting queues for the respective patient as a queue data structure and guidance relating to a medical examination route in a form of at least one of dynamic maps and directions to a next scheduled

medical examination item appointment to individual patients via said wireless communication means of said server.

Claim 2 (Cancelled):

Claim 3 (Currently amended): The medical examination system according to claim [[2]] 1,

wherein said server includes means for allowing a database of said server to be accessed from an external network.

Claims 4-9 (cancelled):

Claim 10 (Previously presented): The medical examination system according to claim 11, said medical examination system further comprises:

a personal computer installed in a medical examination site, wherein said personal computer comprises a communication means for communicating at close range with the wireless display device carried by a patient, a communication means for communicating with said server and a control means for outputting information

relating to at least one of arrival of the patient and completion
of the medical examination of the patient.

Claim 11 (Currently amended):   A medical examination system
for scheduling an appointment for patients comprising:

a plurality of wireless display devices that have a display
part and a communication part held by each patient waiting for a
medical examination; and

a server including a plurality of displays, said plurality
of displays being capable of displaying guidance information
including appointments included in a scheduler and displaying
information from said respective wireless display devices, and a
wireless communication means for communicating with said
respective wireless display devices, wherein said scheduler
includes:

a waiting queue means for individual medical examination
items for forming waiting queues for each of a plurality of
medical examination items and sequentially queuing the medical
examination appointments of the patients, and a waiting queue
means for individual patients for forming waiting queues for each

patient and sequentially queuing medical examination items for

which appointments are scheduled,

said scheduler includes means for scheduling a first

appointment for a first medical examination of said medical

examination items so that an available time to start said first

medical examination on said medical examination items is

calculated, [[and]]

said scheduler includes means for scheduling at least a

second appointment for a second medical examination of said

medical examination items so that an available time to start said

second medical examination on said medical examination items is

calculated after the first appointment which has been previously

confirmed with respect to remaining queues of said waiting queue

means for individual medical items, [[;]] and

said scheduler includes means for maintaining an unconfirmed

state of an entire appointment process in case an interval

between a starting time of the first appointment and a completion

time of an appointment for a last medical examination item

becomes at least equal to a predetermined amount of time and one

of said medical examination items starts with an empty queue time

period and means for changing the empty queue time period to a void queue time period that cannot be utilized again, and

means for repeating an appointment process and means for confirming the entire appointment process when an interval between the starting time of the first appointment and the completion time of the appointment for said last medical examination item becomes less than the predetermined amount of time and one of said medical examination items starts with a non-empty queue time period, and

said scheduler further includes means for determining that a completion time for an appointment for one of said medical examination items is delayed for at least an average time required for the medical examination on said one of said medical examination items and means for utilizing an empty queue time period in said waiting queue means for individual medical examination items so that a time for a next appointment is available for each of said medical examination items, said scheduler further includes means for representing a starting time as a leading queue when an empty queue time period exists within said queue and for representing a starting time when no empty queue time periods exist by the time immediately after the final

patient completes a medical examination appointment so that the time is registered with said waiting queue means for individual patients and said waiting queue means for individual medical examination items by calculating the time so as to start from a time when an appointment is available in an earliest medical examination item,

wherein said server includes means for forming information concerning medical examination guidance including an individual medical examination order, a starting time and an order of medical examination items based on said waiting queue means for individual patients and said waiting queue means for medical examination items, on one of said plurality of displays of said server for respective patients, and

wherein said wireless display devices display the waiting queues for the respective patient as a queue data structure and guidance relating to a medical examination route in a form of at least one of dynamic maps and directions to a next scheduled medical examination item appointment to individual patients via said wireless communication means of said server.

Claim 12 (Cancelled):

Claim 13 (Currently amended): The medical examination
system according to claim [[12]] 11,

wherein said server includes means for allowing a database
of said server to be accessed from an external network.

Claims 14-18 (cancelled):

Claim 19 (Currently amended): A method for scheduling an
appointment of a medical examination for patients, said method
comprising the steps of:

providing a plurality of wireless display devices, having a
display part and a communication part, to a patient waiting for a
the medical examination;

providing a server including a plurality of displays, the
plurality of displays being capable of displaying guidance
information including appointments included in a scheduler and
displaying information from the respective wireless display
devices, a wireless communication means for communicating with
the respective wireless display devices,

forming waiting queues for individual medical examination

items, and

forming waiting queues for each patient,

scheduling a first appointment for a first medical

examination of the medical examination items so that an available

time to start the first medical examination on the medical

examination items is calculated; and

scheduling at least a second appointment for a second

medical examination of the medical examination items so that an

available time to start the second medical examination on the

medical examination items is calculated after the first

appointment which has been previously confirmed with respect to

remaining queues of the waiting queues for individual medical

items;

maintaining an unconfirmed state of an entire appointment

process in case an interval between a starting time of the first

appointment and a completion time of an appointment for a last

medical examination item becomes at least equal to a

predetermined amount of time and one of said medical examination

items starts with an empty queue time period and means for

changing the empty queue time period to a void queue time period

that cannot be utilized again, and

repeating an appointment process and means for confirming

the entire appointment process when an interval between the

starting time of the first appointment and the completion time of

the appointment for said last medical examination item becomes

less than the predetermined amount of time and one of said

medical examination items starts with a non-empty queue time

period;

providing information concerning medical examination

guidance including an individual medical examination order, a

starting time and an order of the medical examination items based

on the waiting queue for individual patients and the waiting

queue for medical examination items, on one of the plurality of

displays of the server for respective patients; and

displaying the waiting queues for the respective patient as

a queue data structure and guidance relating to a medical

examination route in a form of at least one of dynamic maps and

directions to a next scheduled medical examination item

appointment to individual patients from the server.